

N THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicants: Vlad MITLIN, Richard G.C. WILLIAMS

Atty. Doc.: 3Com-77(3354.TDC.US.P)

Serial No.: 09/742,696 Filed: December 20, 2000

Group Art Unit: 2631 Confirmation No.: 5548

Examiner:

Title: PERFORMANCE EVALUATION OF A G.dmt-COMPLIANT DIGITAL

SUBSCRIBER LINE SYSTEM

RECEIVED

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

JAN 2 7 2004 Technology Center 2600.

SIR:

SUPPLEMENTAL DISCLOSURE STATEMENT

The applicants respectfully request that the following references be considered in the examination of the above-identified application. A copy of each reference is enclosed.

United States Patents

Pate	nt Number	Issued	Inventor	Class
AA.	6,571,089	May 27, 2003	Richards et al	455/266
AB.	6,516,027	Feb. 4, 2003	Kapoor et al	375/227
AC.	6,222,888	Apr. 24, 2001	Kao et al	375/260
AD.	6,130,882	Oct. 10, 2000	Levin	370/252
AE.	6,005,893	Dec. 21, 1999	Hyll	375/260
AF.	5,828,677	Oct. 27, 1998	Sayeed et al	371/41

AG. 5,742,640 Apr. 21, 1998 Haoue et al 375/220

AH. 5,677,927 Oct. 14, 1997 Fullerton et al 375/200

Publication

AI. R. Otnes, et al. "Adaptive Data Rate Using ARQ and Nonuniform Constellations", Vehicular Technology Conference, 2001, IEEE VTS 53rd, pp. 1211-1215.

REMARKS

Under rule 37 C.F.R. 1.98(a) (effective March 16, 1992), since all of the above-cited references are in the English language, the applicants submit that no specific comments are necessary for any of these.

For the Examiner's convenience, the applicants have attached a completed modified Form PTO/SB/08A hereto.

Respectfully submitted,

January 20, 2004

Peter L. Michaelson, Attorney

Reg. No. 30,090 Customer No. 007265 (732) 530-6671

MICHAELSON & ASSOCIATES Counselors at Law Parkway 109 Office Center 328 Newman Springs Road P.O. Box 8489 Red Bank, New Jersey 07701 CERTIFICATE OF MAILING under 37 C.F.R. 1.8(a)

I hereby certify that this correspondence is being deposited on January 21, 2004 with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Vefor l Kilwilan

30,090

Signature

Reg. No.

Technology Center 2600

4005 T 3 NAL

BECEINED

RECEIVED

JAN 2 7 2004

Technology Center 2600

PTO/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

FRAUE TRAUE Under the Pa Substitute for form 1

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known Application Number 09/742,696 Filing Date December 20, 2000 First Named Inventor Vlad MITLIN Art Unit 2631 Examiner Name Attorney Docket Number 3Com-77(3354.TDC.US.P)

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY		Patentee or Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
	77		May 27, 200	na Pich	ards et al	455/266
	T	6,571,089	Feb. 4, 200		or et al	375/227
	1	6,516,027			et al	375/260
		6,222,888	Apr. 24, 20			370/252
	1	6,130,882	Oct. 10, 20			375/260
	T	6,005,893	Dec. 21, 19			•
	!	5,828,677	Oct. 27, 19		ed et al	
		5,742,640	Apr. 21, 19	998 Haou	e et al	375/220
	AH.	5,677,927	Oct. 14, 19	997 Full	erton et al	375/200
			RE	CEIVE	D	
			JA	N 2 7 200)4	
]		Techno	ology Center	2600	
~	<u> </u>					
	4					

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	- 6
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
	ļ					
	1					
	†					
				· · · · · · · · · · · · · · · · · · ·		

Examiner	Date	
Signature	Considered	
0.g		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Standard ST.3. Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND** TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1445 COTRACEMENT	re required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known		
Substitute for form 1443	Application Number	09/742,696	
INFORMATION DISCLOSURE	Filing Date	December 20, 2000	
STATEMENT BY APPLICANT	First Named Inventor	Viad MITLIN	
(11	Art Unit	2631	
(Use as many sheets as necessary)	Examiner Name		
Sheet 2 of 2	Attorney Docket Number	3Com-77(3354.TDC.US.P)	

NON PATENT LITERATURE DOCUMENTS Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of				
Examiner Initials*	Cite No. ¹	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	AI	R. Otnes, et al. "Adaptive Data Rate Using ARQ and Nonuniform Constellations", Vehicular Technology Conference, 2001, IEEE VTS 53rd, pp. 1211-1215.		
		RECEIVED		
		JAN 2 7 2004		
		Technology Center 2600		

Examiner	Γ	Date	
Signature	(Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.